**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted
to the Patent and Trademark Office

on August 6, 2004
date

DJ Bogorodsky
Signature

DJ Bogorodsky

Typed or printed name of person signing Certificate

In re: application of: Mei Luo et al.
Application Number: 10/645,932
Filed: August 20, 2003
Confirmation Number: 8265
Title: DYNAMICALLY ADJUSTABLE TERMINATION IMPEDANCE CONTROL TECHNIQUES
Atty Docket Number: 015114-067900US SJC/djb

Being faxed to the OIPE at facsimile number **1-703-746-4060** are the following documents:

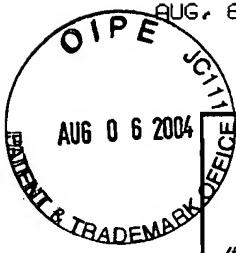
this PTO/SB/97 Certificate of Transmission (1 page);
PTO/SB/21 Transmittal Form (1 page);
PTO/SB/81 Power of Attorney (1 page); and
PTO/SB/96 Statement under 37 CFR 3.73(b) (1 page)

Number of pages being transmitted, including this page: 4

60276822 v1

Townsend and Townsend and Crew LLP
Telephone -- 650-326-2400
Facsimile -- 650-326-2422

fax ref. # 256510



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/645,932
		Filing Date	August 20, 2003
		First Named Inventor	Mei Luo
		Art Unit	2855
		Examiner Name	
Total Number of Pages in This Submission	4	Attorney Docket Number	015114-067900US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1,53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> PTO/SB/01 Power of Attorney (1pg) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <small>(please identify below):</small> PTO/SB/97 Certificate of Transmission (1pg) this PTO/SB/21 Transmittal Form (1pg) PTO/SB/96 Statement under 37 CFR 3.73(b) (1pg)	Remarks <div style="border: 1px solid black; padding: 2px; width: 150px; height: 40px;"></div>	
			The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

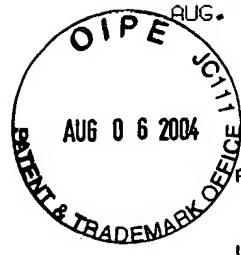
Firm or Individual	Townsend and Townsend and Crew LLP Steven Cahill	
Signature		
Date	August 6, 2004	

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 746-4060 on August 6, 2004

Typed or printed name	DJ Bogorodsky		
Signature			
	Date	August 6, 2004	

00278819 v1



Please type a plus sign (+) inside this box →

PTO/SB/81 (02-01)

Approved for use through 10/31/2002, OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/645,932
Filing Date	August 20, 2003
First Named Inventor	Mei Luo
Title	Dynamically Adjustable Termination Impedance Control Techniques
Group Art Unit	2855
Examiner Name	
Attorney Docket Number	15114-067900US

I hereby appoint:

 Practitioners at Customer Number

26059

OR

 Practitioner(s) named below:

Place Customer
Number Bar Code
Label here

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number.

OR

 Firm or Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Derek E. Minihane, Esq., Director, Intellectual Property Law and Assistant Secretary
------	--

Signature

Date 8/18/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60019593 v1

PTO/SB/88 (08-00)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Attorney Docket No. 015114-067900US

Client Ref. A1073

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Mei Luo et al.Application No./Patent No.: 10/645,932 Filed/Issue Date: August 20, 2003Entitled: Dynamically Adjustable Termination Impedance Control TechniquesAltera Corporation a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014149 Frame 0071, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

8/18/03

Date

Signature

Derek E. Minihane

Typed or printed name

Director, Intellectual Property Law
and Assistant Secretary

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60019594 v1